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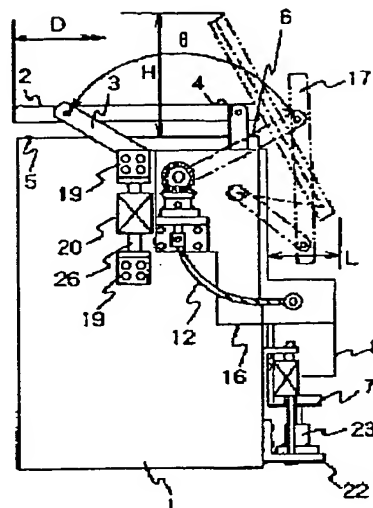
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TITLE : COVER ON-OFF STRUCTURE FOR
 VACUUM CHAMBER



ABSTRACT : PROBLEM TO BE SOLVED: To prevent any undue force from being imposed on a sealing surface, thereby lengthening its service life, by making it go up or down just before being closed by the on-off operation of a cover.

SOLUTION: In a cover driving structure of a vacuum chamber 1, if a starting open side is a front part in four pieces of horizontal and longitudinal link arms directly connected to a cover out of link arms of a driving part opening or closing a cover 2, a lateral arm in the front is set to be a long arm 3, and another lateral arm in the rear is to a short arm 4, respectively. In this constitution, these long and short arms 3, 4 and the cover 2 are all rectilinearly moved at the same time by means of a cylinder shaft.

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